

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

LaForge et al.

Serial No. NOT YET ASSIGNED

Filed: January 17, 2002

For: **ALGORITHMIC METHOD AND SOFTWARE SYSTEM FOR SYNTHESIZING  
SELF-HEALING NETWORKS, BUS STRUCTURES, AND CONNECTIVITIES**

TRANSMITTAL LETTER

Commissioner of Patents  
Washington, D.C. 20231

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark  
Office is the following:

- (1) Transmittal Letter
- (2) PTO Form-1082
- (3) page Application consisting of:
  - 9 pages Textual Specification
  - 1 pages of claims
  - 1 page containing the Abstract of the Disclosure
  - 4 sheets drawings
- (4) Preliminary Amendment
- (5) Unexecuted Declaration/Power of Attorney
- (6) Postcard for early notification of serial number.

Respectfully submitted,

**NATH & ASSOCIATES PLLC**

By: 

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Registration No. 40,669  
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Date: January 17, 2002  
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*\*Practice limited to Matters and Proceedings  
before Federal Courts and Agencies; not Admitted  
in DC*

*\*\* Registered Patent Agent: not Admitted in DC*

**FORM PTO-1082**

**TRANSMITTAL FOR NEW U.S. PATENT APPLICATION**

Commissioner of Patents  
Washington, D.C. 20231

Re: New U.S. Patent Application  
For: **ALGORITHMIC METHOD AND SOFTWARE SYSTEM FOR  
SYNTHESIZING SELF-HEALING NETWORKS, BUS  
STRUCTURES, AND CONNECTIVITIES**

Inventor(s): Laurence E. LaForge  
Kirk F. Korver  
Attorney Docket: 24888

Sir:

Attached hereto is the application identified above, including:

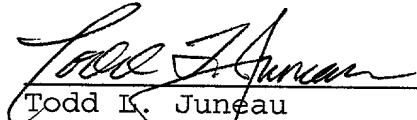
15 Pages Application Consisting of:  
9 Pages of Textual Specification  
1 Pages of 28 Claims  
1 Abstract of the Disclosure  
4 Sheets of drawings.  
X Preliminary Amendment  
     Executed Inventor's Declaration  
X Unexecuted Inventor's Declaration  
     Assignment and cover sheet  
     Priority Document  
     Information Disclosure Statement

The Government filing fee\* is calculated as follows:  
Total Claims . . . . . 28 - 20 = 8 x \$18.00 = \$144.00  
Independent Claims . . . . .      - 3 = 0 x \$84.00 = \$ 0.00  
Base Fee . . . . .      = \$740.00  
Multiple Dependent Claim Fee (\$260.00) . . . . . \$ 0.00  
Subtotal . . . . . \$884.00

**TOTAL FILING FEE\***  
**(accounting for small entity status) . . . . . \$442.00**

- ☒ \*Reduced by one-half, as applicant(s) is/are a "small entity". Applicant asserts eligibility for Small Entity Status under 37 CFR § 1.27.
- ☒ Benefit is claimed under 35 U.S.C. § 119(e) from U.S. Provisional Patent Application(s) No. 60/261,863 filed January 17, 2001.
- ☐ Foreign priority is claimed under 35 U.S.C. § 119 from \_\_\_\_\_ Patent Application(s) No. \_\_\_\_\_ dated \_\_\_\_\_.
- ☐ Priority document(s) will be submitted at a later date.
- ☐ Priority document(s) is/are submitted herewith.
- ☒ Executed Declaration(s) will be submitted at a later date pursuant to 37 CFR § 1.41 and § 1.53, with an appropriate surcharge under 37 CFR § 1.16(e).
- ☒ Formal drawing(s) is/are attached.
- ☐ Formal drawing(s) will be submitted at a later date.
- ☐ Assignment document(s) is/are submitted herewith; the recordation fee of \$40.00 per document is enclosed herewith.
- ☐ Assignment document will be submitted at a later date.
- ☐ A Verified Translation will be submitted at a later date.
- ☒ No payment is enclosed at this time. Full payment will be made when the executed Declaration is submitted.
- ☐ Submitted herewith is a check in the amount of \$ \_\_\_\_\_.

Respectfully submitted,  
**NATH & ASSOCIATES PLLC**

  
\_\_\_\_\_  
Todd K. Juneau  
Registration No. 40,669  
Customer No. 20529

Date: January 17, 2002  
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